



1Fw

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

28

Application Number

10/612,112

Filing Date

08/02/2003

First Named Inventor

Jacob Fraden

Art Unit

2859

Examiner Name

Verbitsky, Gail Kaplan

Attorney Docket Number

ENCLOSURES (Check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

Remarks

In Response to communication
at 09/14/2004**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm
or
Individual name

Jacob Fraden, Advanced Monitors Corporation

Signature

Date

9/14/04

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Jacob Fraden

Signature

Date

9/17/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

In The Claims:

This listing of claims will replace all prior versions and listings of respective claims in the application:

1. (Currently Amended) A probe of a medical instrument that is intended for insertion into a patient's body orifice, such probe has an inner surface and the outer surface which is shaped to contain at least one cavity encircled by a ridge.
2. (Currently Amended) A probe of claim 1 where said cavity is covered by outer thin skin that is permanently attached to said ~~outer surface~~ ridge.

3. (Cancelled)
4. (Currently Amended) A probe of claim 3 ~~1~~ where said which contains multiple cavities being ~~are~~ randomly distributed along said outer surface.
5. (Original) A probe of claim 1 is fabricated of material having low thermal conductivity
6. (Original) A probe of claim 1 further comprises a polymer probe cover that envelopes said outer surface.
7. (Original) A method of thermal insulation of a medical probe, comprising a step of forming indentations on the outer surface of the probe.
8. (Currently Amended) A method of thermal insulation of a medical probe of claim 7, further comprising a step of covering said indentations with a layer of thin protective material having low thermal conductivity.